



PATENT  
037203-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mohammad Usman, Jon Laurent Pang, Amjad Luna and Imtinan Elahi

Serial No.: 10/038,320

Filing Date: October 19, 2001

Title: Method And System For Filtering A Signal And Providing Echo Cancellation  
Using An Adaptive Length Filter

Assistant Commissioner for Patents  
Washington, DC 20231

**POWER OF ATTORNEY**

AVAZ NETWORKS, INC., a corporation of the State of California and assignee of the entire right, title and interest in the above-identified patent application, hereby appoints:

Brian M. Berliner, Reg. No. 34,549;  
Todd E. Fitzsimmons, Reg. No. 44,683;  
Dennis R. Gallagher, Reg. No. 42,563;  
Jonathan A. Jaech, Reg. No. 41,091;  
Ryan K. Yagura, Reg. No. 47,191;  
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whose address is:


**O'MELVENY & MYERS LLP**  
400 South Hope Street  
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Telephone: (213) 430-6000  
Attn: Brian M. Berliner

their attorneys to prosecute said application and to transact in connection therewith all business in the U.S. Patent and Trademark Office in connection therewith and before competent International Authorities.

IN ACCORDANCE WITH 37 C.F.R. § 3.73, THE ASSIGNEE HEREBY CERTIFIES THAT THE EVIDENCIARY DOCUMENTS WITH RESPECT TO ITS OWNERSHIP HAVE BEEN REVIEWED AND THAT, TO THE BEST OF THE ASSIGNEE'S KNOWLEDGE AND BELIEF, TITLE IS IN THE ASSIGNEE SEEKING TO TAKE THIS ACTION.

AVAZ NETWORKS, INC.

Dated: 3-13-2002

By   
Name: ADEEL AHMED  
Title: DIRECTOR/OPERATIONS

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0037203-4**DECLARATION AND PETITION**

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe that we are an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND SYSTEM FOR FILTERING A SIGNAL AND PROVIDING ECHO CANCELLATION USING AN ADAPTIVE LENGTH FILTER, the specification of which was filed with the U.S. Patent and Trademark Office on October 19, 2001, bearing Serial No. 10/038,320 and

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: NONE

**PRIOR FOREIGN APPLICATION(S)**

				Priority claimed
Number	Country	Date Filed	Yes	No
				Priority claimed
Number	Country	Date Filed	Yes	No

We hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below: NONE

Application Serial No.	Filing Date
Application Serial No.	Filing Date

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: NONE

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Application Serial No.

Filing Date

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Application Serial No.

Filing Date

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Correspondence should be addressed to:

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Wherefore we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, and we hereby subscribe our names to the foregoing specification and claims, declaration and petition.

**Full name of first inventor:** Mohammad Usman

Inventor's signature: Muhammad Usman

Date: March 11, 2002

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Citizenship: Pakistan

Post Office Address: Same as above

**Full name of second inventor:** Jon Laurent Pang

Inventor's signature: Jon Laurent Pang

Date: March 11, 2002

Residence: 17551 Collie Lane, Huntington Beach, CA 92647

Citizenship: USA

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**Full name of third inventor:** Amjad Luna

Inventor's signature: Amjad Luna

Date: March 11, 2002

Residence: 12 Big Pines, Aliso Viejo, CA 92656

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**Full name of fourth inventor:** Imtihan Elahi

Inventor's signature: Imtihan Elahi

Date: March 11, 2002

Residence: 21142 Canada Road, Apartment #7J, Lake Forest, CA 92630

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